



राष्ट्रीय जल विकास अभिकरण  
जल शक्ति मंत्रालय, भारत सरकार  
(जल संसाधन, नदी विकास और गंगा संरक्षण विभाग)  
**National Water Development Agency**  
Ministry of Jal Shakti, Government of India  
(Department of Water Resources, River Development and Ganga Rejuvenation)

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NWDA/MDU/164/SS-DM/2024/ 2833-49

Date: 10.04.2024

**Sub.: Minutes of the 5<sup>th</sup> meeting of the "Sub Committee for Comprehensive Evaluation and System Studies on Interlinking of Rivers", held on 12.03.2024 at NWDA, Palika Bhawan, New Delhi in hybrid mode - reg.**

Sir,

The 5<sup>th</sup> Meeting of the "Sub Committee for Comprehensive Evaluation and System Studies on Interlinking of Rivers" was held on 12.03.24 at 11:30 PM at NWDA, New Delhi in hybrid mode, under the chairmanship of Sh. A.B. Pandya. A copy of minutes of the meeting, duly approved by the Chairman are enclosed for kind information.

It is requested to send your comments, if any, at the earliest, by e-mail to: [cehqnwda@nic.in](mailto:cehqnwda@nic.in) / [dirmdu-nwda@nic.in](mailto:dirmdu-nwda@nic.in).

Yours faithfully,

Encl : As above

  
10/4/24

(Dr. Dilip Kumar)  
Director (MDU)

E-mail: [dirmdu-nwda@nic.in](mailto:dirmdu-nwda@nic.in)

To

1. Shri A .B. Pandya, Secretary General, ICID & Chairman of the Sub-Committee, New Delhi. E-mail: [abpandya@yahoo.co.uk](mailto:abpandya@yahoo.co.uk), [sec-gen@icid.org](mailto:sec-gen@icid.org), Mob. No.: 09910264141.
2. Prof. P. P. Majumdar, Department of Civil Engineering & Chairman, Interdisciplinary Centre for Water Resources, IISc, Bengaluru -560012. E-mail: [pradeep@iisc.ac.in](mailto:pradeep@iisc.ac.in). Phone no. : 080 22932669, 2293232, 23600290, 09845215612.
3. Prof. S. Iqbal Hasnain, Eminent Environmental Expert, New Delhi. E-mail: [hasnainsyed09@gmail.com](mailto:hasnainsyed09@gmail.com). Mob. No.: 09650576439.
4. Shri A. C. Tyagi, Retd. Director, Hydrology & WRD (Geneva, Switzerland), World Meteorological Organization. E-mail: [avinash.c.tyagi@gmail.com](mailto:avinash.c.tyagi@gmail.com). Mob. No.: 09650012655.
5. Sh. M. K. Sinha, Former Assessor, Krishna Water Disputes Tribunal, 254, APR Pranav Antillia, Bachupally road, Hyderabad. E-mail: [mksinhacwc@gmail.com](mailto:mksinhacwc@gmail.com) - [mksinhacwc@yahoo.co.in](mailto:mksinhacwc@yahoo.co.in), Mob.: 09971686789.

6. Prof. Kamta Prasad, Chairperson Emeritus IRMED, 2-B, Institutional Area, Karkardooma, Delhi- 110092. E-mail: [irmed7@gmail.com](mailto:irmed7@gmail.com), Phone: 011-22377199(0), 011- 22374975 (R ), Mobs: 09810288036.
7. Prof. N. K. Goel, Department of Hydrology, IIT, Roorkee. E-mail: [nkgoel@hy.iitr.ac.in](mailto:nkgoel@hy.iitr.ac.in), [goelhy@gmail.com](mailto:goelhy@gmail.com), Mob. No.: 09412393851.
8. Dr. S. Mohan, Professor, EWRE 24, Department of Civil Engineering, IIT, Chennai-600036. E-mail: [smohan@iitm.ac.in](mailto:smohan@iitm.ac.in), Phone : 044-22574261 (0), 044-22579296 (R), Mob.: 09837600444.
9. Chief Engineer (HQ), NWDA and Member Secretary of the Sub Committee, New Delhi. E-mail: [cehq-nwda@nic.in](mailto:cehq-nwda@nic.in), Mob. No.: 9015404275.

**Special invitees:**

1. Sh. Bhopal Singh, DG, NWDA, New Delhi. E-mail: [dg-nwda@nic.in](mailto:dg-nwda@nic.in)
2. Chief Engineer (South), NWDA, Hyderabad. E-mail [ceshyd-nwda@nic.in](mailto:ceshyd-nwda@nic.in), [cesnwda@rediffmail.com](mailto:cesnwda@rediffmail.com).
3. Sh. Shajatnan K.H., Director (Tech.), NWDA, Palika Bhawan, New Delhi. E-mail: [dirtech-nwda@nic.in](mailto:dirtech-nwda@nic.in)
4. Dr. Dilip Jha, Director (MDU), NWDA, Saket, New Delhi. E-mail: [dirmdu-nwda@nic.in](mailto:dirmdu-nwda@nic.in)
5. Superintending Engineer, IC, NWDA, Valsad. E-mail: [seval-nwda@nic.in](mailto:seval-nwda@nic.in)

**Copy for information to:**

1. PS to JS (RD & PI)), DoWR, RD & GR, Ministry of Jai Shakti, New Delhi.
2. SPS to DG, NWDA, Palika Bhawan, R.K. Puram, New Delhi.
3. PS to CE(HQ), NWDA, Palika Bhawan, R.K. Puram, New Delhi.

**Minutes of the 5<sup>th</sup> Meeting of the "Sub Committee for Comprehensive Evaluation and System Studies for Interlinking of Rivers" held on 12.03.2024 at NWDA, New Delhi.**

The 5<sup>th</sup> Meeting of the "Sub Committee for Comprehensive Evaluation and System Studies on Interlinking of Rivers" was held on 12.03.2024 at NWDA, New Delhi, in hybrid mode, under the Chairmanship of Sh. A.B. Pandya. The list of the participants is given at Annexure -I.

At the outset of the meeting, Sh. Baleshwar Thakur, Chief Engineer (HQ) and Member Secretary of the Sub-committee welcomed Chairman and all the members of the Sub-Committee and other invitees.

Member Secretary informed the members about resignation of Prof. P.P Majumdar and Sh. A.C Tyagi from the membership of Sub- Committee. Chairman, Sub- Committee suggested to initiate the process of reconstitution of Sub- Committee after obtaining views/suitable nominations for inclusion of new members in the Sub- Committee.

Chairman, Sub - Committee requested Member Secretary to take up the agenda items. Chief Engineer (HQ), NWDA & Member Secretary of the Sub-Committee took up the agenda items for discussions:

**Item No. 5.1: Confirmation of the Minutes of 4<sup>th</sup> meeting of the Sub-Committee held on 13.10.2023**

Chief Engineer (HQ), NWDA & Member Secretary of the Sub-Committee apprised all the members that minutes of the 4<sup>th</sup> meeting were circulated on 30.10.2023. No comments were received from any of the member. Sh. M.K Sinha referred to the item No.4.4 of the circulated minutes and pointed out to modify the paragraph regarding constitution of SCILR and apprised all the member that SCILR has been formed as per direction of Supreme Court. He also enquired about the Sub-Committee that have already submitted their report as mentioned in the minutes.

DG, NWDA explained that Sub-Committee for restructuring of NWDA has already submitted their report and Sub-Committee for consensus building is already functioning as consensus group under Chairman, CWC. Sub-Committee on Comprehensive Evaluation on ILR and Sub- Committee for System Study have been merged.

These comments of Sh. M.K Sinha have been taken note of by the members of Sub-Committee.

***Members confirmed the minutes of the 4<sup>th</sup> meeting.***

**Item No. 5.2: Follow up Action of the previous meeting:**

Member Secretary briefed about the follow up action taken for decision of the 4<sup>th</sup> meeting regarding revisions of ToRs, preparation of draft guidelines and scope of works.

Prof. Kamta Parsad's suggested to modify guidelines by considering multi- disciplinary aspects like economic and social impacts in details by collecting the data on these aspects and incorporating them in the planning.

Sh. M.K Sinha suggested that if more detailing is considered then work will go beyond the scope and data management will become cumbersome.

Dr. N.K Goel, IIT, Roorkee informed the members that academic institutes have certain limitations and extensive data collection is not feasible.

Chairman, Sub- Committee said that the social and economic impacts are generally taken up at the Detailed project report stage. The scope of the present committee is to evaluate the interlinking proposals at the system viability level and sizing and magnitude of the benefits that may be generated and the role of the particular link in the overall scheme of Interlinking of Rivers programme as envisaged under NPP and being modified from time to time. In view of the underlying outcome requirements, guidelines are generally in order. Prof. Kamta Parsad's comments have been taken note of for reviewing preliminary reports of institutes carrying out these system studies. Institutes shall be requested to provide their plan of data collection which can be reviewed at inception report stage only. He also suggested that draft report submitted by the institutes can be reviewed by experts from multi-disciplinary angle.

Chairman, Sub- Committee after deliberation with members suggested few modifications in ToRs and asked NWDA to send these modified ToRs to Ministry of Jal Shakti.

**Item no. 5.3 :System studies of 1. Godavari – Krishna, 2. Krishna – Pennar – Cauvery and 3. Cauvery-Vaigai- Gundar links system.**

Member secretary informed about the Expression of Interests (EOI's) that have been received for southern linkage system. He informed the members that financial bid's have been sought from the 10 institutes.

Chairman, Sub- Committee explained that before taking up system studies for southern linkage system, scenarios of Manas-Sankosh-Tista-Ganga Link should be well understood by Sub- Committee. He requested NWDA to brief about status of Manas-Sankosh-Tista-Ganga Link project in the next meeting of Sub- Committee. He suggested not to pressurize the institutes for the financial bids at present as Manas-Sankosh-Tista-Ganga Link is the mother link of other related southernlinks.Information on surplus water available through Manas-Sankosh-Tista-Ganga Link is very important and has to be provided to the institutes carrying out system studies of southern linkage system.

**Item no. 5.4 :System studies of four links viz; Manas-Sankosh-Tista-Ganga Link project, Ganga-Damodar-Subernarekha link project, Subernarekha-Mahanadi and Farraka - Sunderbans link project:**

Member secretary briefed about the progress of work done by 4 institutes carrying out system studies of Manas-Sankosh-Tista-Ganga Link, Ganga-Damodar-Subernarekha link, Subernarekh- Mahanadi link and Farraka- Sunderban link projects. He informed the members that a progress-review meeting under Chairmanship of DG, NWDA was held on 15.02.2024 and all the institutes have been requested to submit draft final report by 30.04.2024.

**Item no. 5.5: Draft Report submitted by Sub Committee –I :**

Member secretary informed the members about Sub- Committee-I that has submitted its interim report in September 2017.

Sh. M.K Sinha suggested that NWDA shall give a brief presentation on latest status of all link projects under NPP along with a water balance data at every stage. He also suggested after reviewing the status of link projects Sub- Committee shall decide which link project shall be taken forward on priority basis.

Chairman, Sub- Committee requested NWDA to present the status of link projects in light of latest modifications and developments.

**Item no. 5.6: Constitution of System Study Cell:**

Member secretary informed about constitution of separate system study cell in NWDA.

Chairman, Sub- Committee enquired about working of this cell and suggested to create a documentation/ user manual for running the system study models for various studies being carried out under the scheme. Such a documentation and manual will have to be prepared for each of the study as there are unique features in each link which are not replicated elsewhere. This is considered necessary as at a later stage, when the impact of the individual parameters on the study outcome is to be evaluated, the system study cell becomes capable of handling such requirements. The personnel in the system study cell will have to continually update themselves about the models and will have to hand over the skills from time to time as the personnel in the cell undergo change in normal administrative course of action.

The meeting ended with a vote of thanks to the chair and all the participants by CE (HQ), NWDA & Member Secretary of the Sub-Committee for their fruitful guidance and deliberation.

**Annexure – I**

**List of participants of the 5<sup>th</sup> Meeting of the “Sub Committee for Comprehensive Evaluation and System Studies”**

<b>S.No.</b>	<b>Name of the Participant</b>	<b>Mode</b>
1.	Shri A.B. Pandya, Secretary General, ICID & Chairman of the Sub-Committee	Physical
2.	Prof.Kamta Prasad, Member	Physical
3.	Sh. M.K.Sinha, Member	Online
4.	Prof. N.K.Goel, Member	Online
5.	Sh. Baleshwar Thakur, CE(HQ), NWDA & Member Secretary	Physical
	<b>Special Invitees</b>	
1.	Sh. Bhopal Singh, DG, NWDA	Physical

2.	Sh. P. Devender Rao, CE(S)	Online
3.	Sh. Shajatnan K.H, Director(Tech)	Physical
4.	Dr. Dilip Jha, Director (MDU)	Physical
5.	Sh. S.A. Naidu, SE, IC,Valsad	Online
<b>Other Officers</b>		
1.	Ms Deepika Sharma, DD (H), NWDA, Delhi.	Physical
2.	MsJaswander Kaur, DD (H), NWDA, Delhi	Physical
3.	Sh. J. D. Pande, DD (SE South), NWDA, Delhi	Physical
4.	Sh. Satya Prakash Tomar, AD, NWDA, Delhi	Online
5.	Sh. Subhash Chandra Parui, AD, NWDA, Bhubaneswar	Online
6.	Sh. Hari Om Varshney, AE (SE North), NWDA, Delhi	Online
7.	Sh. Ankit Kumar, AE, NWDA, Delhi	Physical
8.	Sh. Subodh Kumar, JE, NWDA, Delhi	Physical
9.	Ms. Santosh Vishnoi , JE, NWDA, Delhi	Physical
10.	Sh. Anantha Krishnan S (Young Professional)	Physical